CLAIMS

What is claimed is:

1. A public switched telephone network device comprising:

a first subsystem;

a second subsystem;

a module coupled to the first subsystem and the second subsystem, whereby the module receives outbound messages from the first subsystem and if the destination for the message, is the second subsystem, converts the outbound message to an inbound message.

2. The public switched telephone network device of Claim 1 wherein:

said module routes an inbound message to a subsystem designated as the destination subsystem in the message.

3. The public switched telephone network device of Claim 1 wherein:

the network device is a service control point.

4. The public switched telephone network device of Claim 1 wherein:

the outbound and inbound messages are signaling system seven messages.

5. The public switched telephone network device of Claim 1 wherein:

the module reroutes the outbound message directly to the second subsystem.

6. The public switched telephone network device of Claim 1 wherein:

the module checks the destination of the outbound message and then converts the message into an inbound message.

7. The public switched telephone network device of Claim 6 wherein:

the module checks the destination of the outbound message by checking the destination point code contained in the message.

8. The public switched telephone network device of Claim 1 further comprising:

a memory storing an inbound message.

9. The public switched telephone network device of Claim 1 further comprising;

a computer processor in which said first and second subsystems and said module operate.

10. The public switched telephone network device of Claim 1 further comprising;

a first computer processor in which said first subsystem and said signaling system seven module operate, and

a second computer processor in which said second subsystem and said signaling system seven module operate.

11. A public switched telephone network comprising:

a plurality of service control points,

a plurality of subsystems operating in each service control point, and

means for internally routing signaling system seven messages from subsystems in a service control point to other subsystems in the same service control point.

12. The public switched telephone network according to Claim 11 wherein:

said subsystems residing in each service control point are selected to maximize the likelihood that outbound messages from a subsystem will have another subsystem in the same service control point as the destination subsystem.

13. The public switched telephone network according to Claim 12 further comprising:

a 911 service subsystem and a position determining entity subsystem residing at the same service control point.

14. A method for managing messages in a network device having a plurality of subsystems comprising:

checking the destination subsystem identified in an outbound message and, if the destination subsystem resides in the network device, internally rerouting the message to the destination subsystem.

15. The method of Claim 14 wherein the messages are signaling system seven messages.

16. The method of Claim 15 further comprising:

comparing the point code of the destination subsystem to the point code of the subsystem sending the outbound message.

17. The method of Claim 16 further comprising:

using a routing table to determine the point code of the outbound message based on the subsystem number of the destination subsystem.

18. The method of Claim 14 further comprising:

converting the outbound message to an inbound message.

19. A method for managing messages in a network device having at least two subsystems comprising:

coupling an inbound message to a memory and to a first subsystem designated as the destination subsystem in the inbound message,

processing said inbound message with said first subsystem and updating the message stored in said memory to include the results of said processing,

using the stored and updated message to send an outbound message from said first subsystem to a second subsystem.

20. The method of Claim 19 further comprising;

comparing the network location of said first subsystem to the network location of said second subsystem, and if said locations are the same, internally routing said message to said second subsystem.

21. The method of Claim 20 further comprising:

using a routing table to identify the point code of said second subsystem.

22. The method of Claim 20 further comprising:

converting said outbound message to an inbound message.